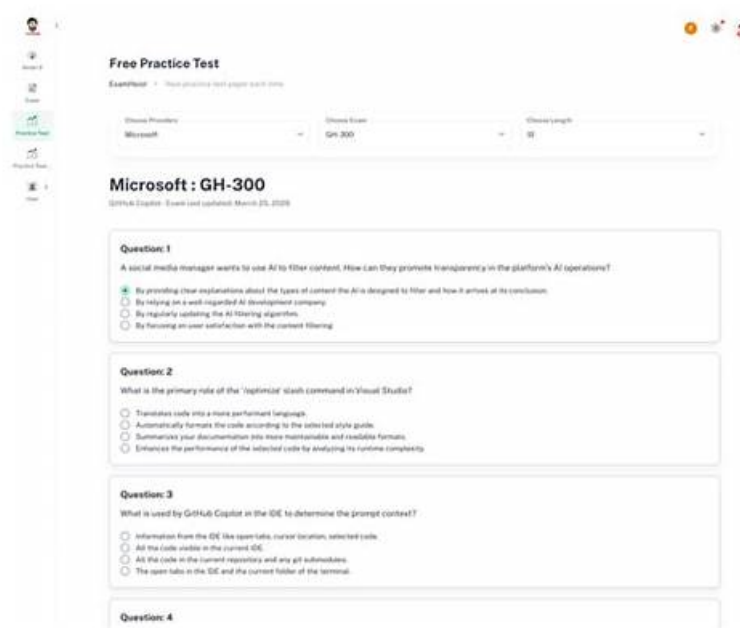


300-745 Practice Tests & Valid 300-745 Braindumps



BONUS!!! Download part of Lead1Pass 300-745 dumps for free: <https://drive.google.com/open?id=1BoβIoDHtGKD4IVBOIGzoZ-e6v1qua19>

Which one is your favorite way to prepare for the exam, PDF, online questions or using simulation of exam software? Fortunately, the three methods will be included in our 300-745 exam software provided by Lead1Pass, so you can download the free demo of the three version. Choosing the right method to have your exam preparation is an important step to obtain 300-745 Exam Certification. Certainly, we ensure that each version of 300-745 exam materials will be helpful and comprehensive.

Cisco 300-745 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> Secure Infrastructure: Covers selecting security approaches for endpoints, identities, email, and modern environments like hybrid work, IoT, SaaS, and multi-cloud. Includes choosing VPN tunneling solutions, securing management planes, and selecting the appropriate firewall architecture based on business needs.
Topic 2	<ul style="list-style-type: none"> Applications: Focuses on selecting security solutions to protect applications and designing secure architectures for cloud-native, containerized, and serverless environments using segmentation. Also addresses security design impacts of emerging technologies like AI, ML, and quantum computing.
Topic 3	<ul style="list-style-type: none"> Artificial Intelligence, Automation, and DevSecOps: Explores AI's role in securing network infrastructure, selecting tools for automated security architectures such as SOAR, IaC, and API tooling, and integrating security into DevSecOps workflows and pipelines to minimize deployment risk.
Topic 4	<ul style="list-style-type: none"> Risk, Events, and Requirements: Covers SOC incident handling and response tools, modifying security designs to mitigate or respond to incidents, and applying frameworks like MITRE CAPEC, NIST SP 800-37, and SAFE. Includes matching regulatory and compliance requirements to business scenarios.

>> 300-745 Practice Tests <<

Cisco 300-745 VCE & 300-745 exam simulator

Windows computers support the desktop practice test software. Lead1Pass has a complete support team to fix issues of Cisco

300-745 PDF QUESTIONS software users. Lead1Pass practice tests (desktop and web-based) produce score report at the end of each attempt. So, that users get awareness of their Designing Cisco Security Infrastructure (300-745) preparation status and remove their mistakes.

Cisco Designing Cisco Security Infrastructure Sample Questions (Q68-Q73):

NEW QUESTION # 68

A global hotel chain is using Cisco ISE and Cisco switches to manage the network. The hotel company wants to enhance network security by segmenting users and endpoints. The company must ensure that devices within the same VLAN cannot communicate with each other. The goal is to prevent cross-communication without the use of dynamic access control lists. Which action must be taken using Cisco ISE to meet the requirement?

- A. Set up endpoint profiling.
- **B. Configure TrustSec.**
- C. Implement device posturing.
- D. Enable identity groups.

Answer: B

Explanation:

Cisco TrustSec provides software-defined segmentation by assigning Security Group Tags (SGTs) to users and devices. This allows policy enforcement that prevents communication between devices in the same VLAN without needing dynamic ACLs. It is the correct approach to achieve secure segmentation in this scenario.

NEW QUESTION # 69

Which function does a DLP system perform when protecting application data?

- A. Redirects packets to edge firewalls
- **B. Enforces policy compliance by inspecting data in transit**
- C. Provides segmentation using VLANs
- D. Inspects routing tables

Answer: B

Explanation:

A Data Loss Prevention (DLP) system inspects data in transit (and at rest or in use) to ensure sensitive information is handled according to security policies.

NEW QUESTION # 70

What is the primary benefit of conducting a root cause analysis after a security incident?

- A. Improve FTP throughput
- B. Validate OSI model compliance
- C. Enable compliance with NTP standards
- **D. Drive design improvements to prevent recurrence**

Answer: D

Explanation:

Root cause analysis focuses on identifying the underlying cause of a security incident. This enables organizations to improve system design, controls, or processes so that similar incidents do not happen again, rather than only fixing symptoms.

NEW QUESTION # 71

A logistics company wants to deploy an application in the cloud using cloud native techniques.

The company must ensure that the development, testing, and production environments are as identical as possible with the lowest risk of the development and testing environments impacting production. Which solution must be used to accomplish the task?

- A. lambda functions

- B. service quotas
- C. separate cloud accounts
- D. network access control list

Answer: C

Explanation:

Using separate cloud accounts for development, testing, and production ensures strong isolation between environments. This prevents accidental impact on production while maintaining consistent, cloud-native deployments across all stages with minimal risk.

NEW QUESTION # 72

A company has been facing recurring issues with SQL injection vulnerabilities affecting the products, leading to significant disruptions for customers. To address the security concerns proactively, the company wants to integrate a tool into the CI/CD pipeline. The tool must be capable of identifying vulnerabilities such as SQL injection early in the development process, which allows developers to rectify issues before the code is deployed. Which solution must be implemented to meet the requirement?

- A. Static Application Security Testing tools, such as Checkmarx, Fortify, SonarQube
- B. Dynamic Application Security Testing tools, such as OWASP ZAP, Veracode, Burp Suite
- C. workflow automation tools, such as GitHub Actions, Azure
- D. build log observability tools, such as Splunk, Datadog

Answer: A

Explanation:

In the framework of the Designing Cisco Security Infrastructure (300-745 SDSI) curriculum, the "Shift- Left" security strategy is fundamental to modern DevSecOps. To identify vulnerabilities like SQL injection at the earliest possible stage—specifically before the code is even compiled or deployed—Static Application Security Testing (SAST) is the required solution. SAST tools analyze the application's source code, byte code, or binaries without actually executing the program.

By integrating SAST tools like Checkmarx or SonarQube into the CI/CD pipeline, the security team can automate the scanning of every code commit or pull request. These tools use sophisticated algorithms to trace data flows and identify dangerous patterns, such as user-controlled input being concatenated directly into SQL queries without proper sanitization or parameterization. This proactive approach allows developers to receive immediate feedback within their native workflow, enabling them to fix security flaws before they progress into later, more expensive stages of the development lifecycle.

In contrast, Dynamic Application Security Testing (DAST) (Option D) requires a running instance of the application and typically occurs much later in the pipeline, such as during the testing or staging phase. While DAST is excellent for finding runtime vulnerabilities, it does not meet the requirement of identifying issues

"early in the development process" as effectively as SAST. Build log observability tools (Option B) and workflow automation platforms (Option C) provide infrastructure and visibility but do not possess the specialized engine required to perform deep code analysis for application-layer vulnerabilities like SQL injection. Implementing SAST ensures that security is a foundational element of the code-writing phase, aligning with Cisco's vision for a secure, automated software supply chain.

NEW QUESTION # 73

.....

We will give you full refund if you fail to pass the exam after buying 300-745 exam torrent from us. We are pass guarantee and money back guarantee if you fail to pass the exam. And money will be returned to your payment account. In addition, 300-745 exam dumps are high-quality, and you can pass your exam just one time if you choose us. We offer you free update for 365 days for 300-745 Exam Dumps, and the latest version will be sent to your email automatically. We have online service, if you have any questions, you can have a chat with us.

Valid 300-745 Braindumps: <https://www.lead4pass.com/Cisco/300-745-practice-exam-dumps.html>

- 300-745 Questions Exam Exam 300-745 Objectives Exam 300-745 Passing Score Open www.prepawaypdf.com and search for **【 300-745 】** to download exam materials for free 300-745 Latest Dumps Ppt
- 300-745 Questions Exam 300-745 High Quality 300-745 Latest Dumps Ppt The page for free download of 「 300-745 」 on www.pdfvce.com will open immediately 300-745 Hot Questions
- 300-745 Exam Practice Tests - The Best Accurate Valid 300-745 Braindumps Pass Success Download { 300-745 } for free by simply searching on www.prep4away.com 300-745 Exam Consultant

